REMARKS

Claims 1 - 15 are pending in the application. Applicant is requesting reconsideration of the present application.

On page 2 of the Office Action, claims 1 – 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,416,847 to Boze in view of U.S. Patent No. 6,744,833 to Kirkpatrick. Applicant is traversing this rejection.

Claim 1 provides a method for correcting a measured signal transmitted through a system. The method includes, *inter alia*, reproducing a sampled signal sequence to yield a plurality of copies of the sampled signal sequence, and appending the plurality of copies to one another to yield a signal series.

The Boze patent is directed toward a noise filter that employs a windowing operation (Abstract). The Office Action, in a passage bridging pages 2 and 3, recognizes that the Boze patent does not disclose reproducing and appending, as recited in claim 1, but then on page 3 suggests that the Kirkpatrick patent discloses the features of reproducing and appending. Applicant respectfully disagrees with the Office Action's assessment of the Kirkpatrick patent.

The Kirkpatrick patent discloses an apparatus for resynchronizing data between modules sharing a common clock (col. 1, lines 14 – 16). As shown in FIG. 2, data to be transferred across a boundary, between a module 10 and a module 20, is input to a plurality of registers 12A – 12D in module 10, which are clocked by a clock "a" (col. 1, line 66 – col. 2, line 2). The outputs from registers 12A – 12D are input to a multiplexer 22 in module 20 (col. 2, lines 2 – 4). Multiplexer 22 selects the output from one of the registers 12A – 12D for storage in an output register 24 (col. 2, lines 3 – 6). Output register 24 is clocked by a delayed clock "a'", which is the clock "a" from module 10 delayed by an unknown amount (col. 2, lines 6 – 8).

As a preliminary point, Applicant wishes for the Office to note that (a) the Boze patent does not suggest that the windowing operation in the noise filter has any need for an apparatus for resynchronizing data, and (b) the Kirkpatrick patent does not suggest the apparatus for resynchronizing data can be employed to facilitate a windowing operation in a noise filter. Consequently, neither of the Boze patent nor the Kirkpatrick patent presents any motive for these two references to be combined with one another. Lacking such a motive, the cited combination of the Boze and Kirkpatrick patents **cannot be properly asserted for purposes of a section 103(a) rejection of claim 1.**

Nevertheless, regardless of whether either of the Boze patent or the Kirkpatrick patent presents a motive to be combined with the other, the Kirkpatrick patent, as Applicant explains below, does not disclose the feature of appending, as recited in claim 1.

The apparatus in the Kirkpatrick patent, as mentioned above, inputs data into the plurality of registers 12A – 12D. Thus, the Kirkpatrick patent discloses storing multiple copies of the data (Abstract). However, the Kirkpatrick patent explains that the system shown in FIG. 2 selects for transfer to module 20, the data from one of registers 12A – 12D that has not just been written into and is not about to be written into (col. 2, lines 24 – 28). Note also that the Kirkpatrick patent at col. 3, lines 23 – 24 states that the apparatus includes means for selecting one of the copies.

Since in the Kirkpatrick patent, only one of the multiple copies of the data is selected, the multiple copies of the data from registers 12A – 12D are not appended to one another. Consequently, the Kirkpatrick patent does not disclose **appending the plurality of copies to one another** to yield a signal series, as recited in claim 1.

Thus, the Boze patent and the Kirkpatrick patent, whether considered independently or in combination with one another, neither disclose nor suggest appending the plurality of copies to one another to yield a signal series, as recited in claim 1. Accordingly, claim 1 is patentable over the cited combination of the Boze and Kirkpatrick patents.

Claims 7 – 11 are independent claims, and each includes a recital similar to that of claim 1, as described above. Thus, claims 7 – 11, similarly to claim 1, are also patentable over the cited combination of references.

Claims 2 – 6 and 12 – 15 each depend from one of claims 1, 7, 8 or 11. By virtue of their dependencies, claims 2 – 6 and 12 – 15 are also patentable over the cited combination of references.
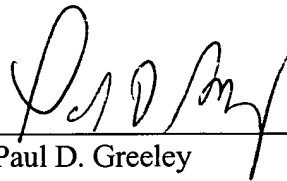
Applicant respectfully requests reconsideration and withdrawal of the section 103(a) rejection of claims 1 – 15.

In view of the foregoing, Applicant respectfully submits that all claims presented in this application patentably distinguish over the prior art. Accordingly, Applicant respectfully requests favorable consideration and that this application be passed to allowance.

Respectfully submitted,

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